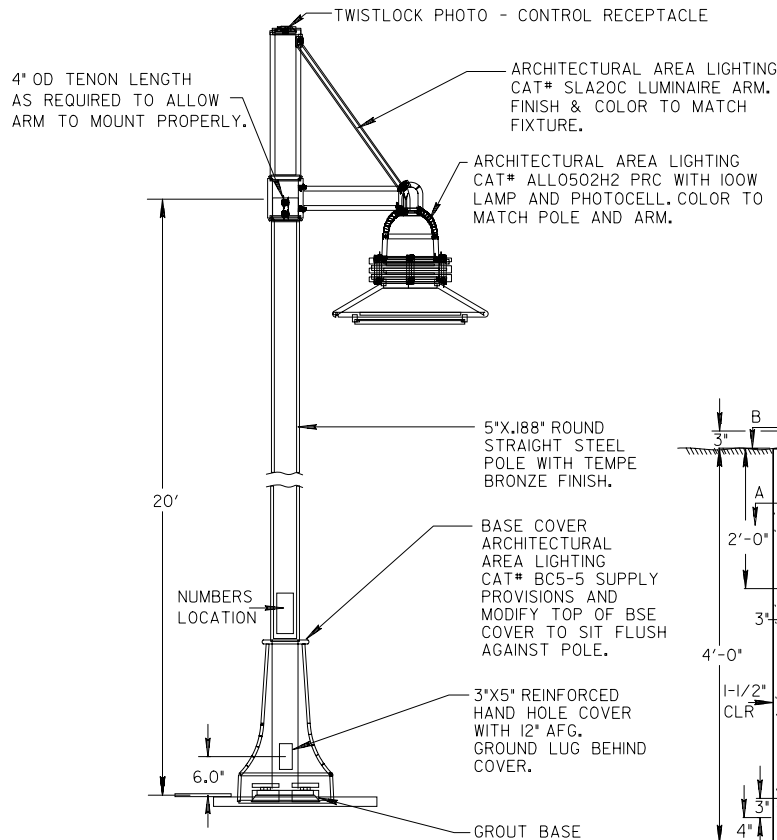


GENERAL NOTES

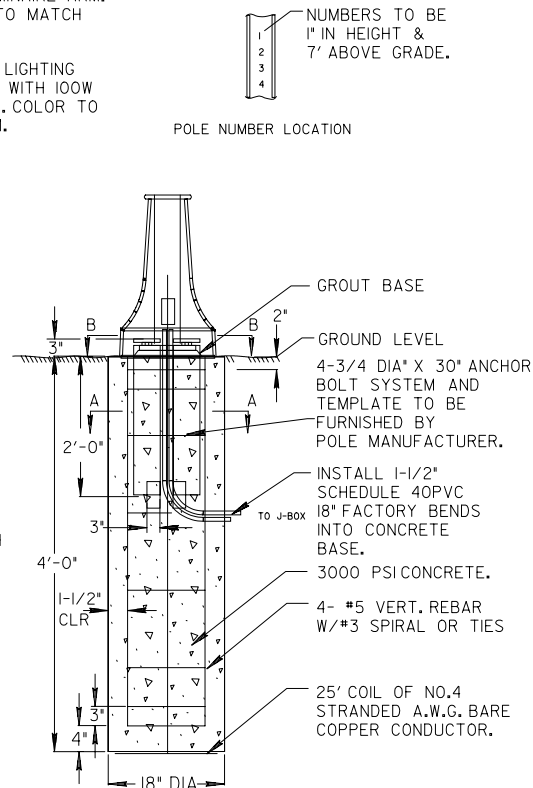
1. POLES ARE TO BE DESIGNED PER A.A.S.H.T.O SPECIFICATIONS.
2. ACCEPTED POLE MANUFACTURER: ARCHITECTURAL AREA LIGHTING OR APPROVED EQUAL.
3. ACCEPTED LUMINAIRE MANUFACTURER: ARCHITECTURAL AREA LIGHTING CAT#ALLO502H OR APPROVED EQUAL.
4. FOR PAINT SPECIFICATIONS SEE TEMPE STREET LIGHTING SPECIFICATIONS T-101.2.
5. DESIGN WIND LOAD = 70 MPH, CATAGORY 'C'
6. ALL POLES TO BE FUSED USING WATERPROOF FUSE HOLDERS IN HAND HOLE AND IN J-BOX.

FOUNDATION NOTES

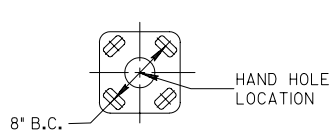
1. 3000 P.S.I. CLASS A CONCRETE PLACED NEXT TO UNDISTRUBED EARTH.
2. FOUR 3/4" DIAMETER X 30" GALVANIZED ANCHOR BOLTS WITH LEVELING NUTS AND WASHERS. TACK WELD NUTS TO WASHERS AND WASHERS TO BASE PLATE AFTER TIGHTENING. (3" PROJECTION)
3. 1-1/2" THICK EMBECO NON-SHRINK GROUT #636 OR APPROVED EQUAL.
4. UNSTABLE SOILS AND/OR POLE HEIGHTS OVER 40' SHALL REQUIRE SPECIAL ENGINEERING DESIGN CALCULATIONS.
5. A 25' COIL OF NO.4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL BE INSTALLED BEFORE THE CONCRETE IS POURED. IT SHALL BE CONNECTED TO POLES GROUNDING SCREW IN THE BASE OF THE POLE.
6. ALL FINISHED POLE FOUNDATIONS SHALL BE CHAMFERED AND AT SIDEWALK GRADE UNLESS OTHERWISE NOTED.
7. REINFORCING STEEL TO BE #5 & LARGER - ASTM A615 GRADE 60. BARS SMALLER THAN #5 MAY BE ASTM A615 - GRADE 40.



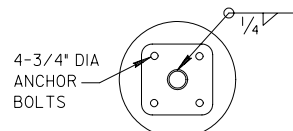
STREET LIGHT DETAIL SECTION



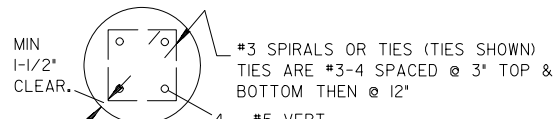
FOUNDATION SECTION



BASE PLATE SECTION



SECTION B - B



SECTION A - A

APPROVED: _____
PUBLIC WORKS MANAGER DATE

APPROVED: _____
DEPUTY PUBLIC WORKS MANAGER DATE
CITY ENGINEER

ORIGINAL SIGNATURE ON FILE
AT THE CITY OF TEMPE



CITY OF TEMPE
PUBLIC WORKS DEPARTMENT

TEMPE SPECIAL DISTRICT LIGHTING

DETAIL T-645
DRAWN 2004